

**PATENT**  
**Application 10/659,202**  
**Attorney Docket 2003P08454US (1009-346)**

**REMARKS**

Applicant respectfully thanks the Examiner for the consideration provided to this application, and respectfully requests reconsideration of this application.

Each of claims 1, 4-10, 16, 18-23, 25-34, and 37-42 has been amended for at least one reason unrelated to patentability, including at least one of: to explicitly present one or more elements, limitations, phrases, terms and/or words implicit in the claim as originally written when viewed in light of the specification, thereby not narrowing the scope of the claim; to detect infringement more easily; to enlarge the scope of infringement; to cover different kinds of infringement (direct, indirect, contributory, induced, and/or importation, etc.); to expedite the issuance of a claim of particular current licensing interest; to target the claim to a party currently interested in licensing certain embodiments; to enlarge the royalty base of the claim; to cover a particular product or person in the marketplace; and/or to target the claim to a particular industry.

Claims 1-42 are now pending in this application. Each of claims 1, 10, 16, 23, 30, and 34 is in independent form.

**I. The Anticipation Rejections**

Each of claims 1-5, 8-11, 14-18, 21-25, 28-30, 32-38, 41 and 42 was rejected as anticipated, and thus unpatentable, under 35 U.S.C. 102(b). In support of the rejection, various portions of U.S. Patent 6,678,137 ("Mason") were applied. These rejections are respectfully traversed as moot in view of the present amendments to each of claims 1, 10, 16, 23, 30, and 34.

Specifically, each of claims 1 and 34, from one of which each of claims 2-5, 8, 9, 35-38, 41, and 42 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, "the temperature sensitive compensation circuit comprising a first thermistor electrically coupled to the first end of the sensing resistor and a second thermistor electrically coupled to the second end of the sensing resistor".

Each of claims 10 and 16, from one of which each of claims 11, 14, 15, 17, 18, 21, and 22 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, "the sense resistor comprising a first end and an opposing

**PATENT**  
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second end, the first end of the sense resistor electrically coupled to a load neutral, the second end of the sense resistor electrically coupled to a neutral pigtail”.

Each of claims 23 and 30, from one of which each of claims 24, 25, 28, 29, 32, and 33 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, “applying the voltage signal through a first thermistor electrically coupled to the first end of the sense resistor and a second thermistor electrically coupled to the second end of the sense resistor to generate a thermally proportional voltage signal”.

For at least this reason, it is respectfully submitted that the rejection of claims 1, 10, 16, 23, 30, and 34 is unsupported by Mason and should be withdrawn. Also, the rejection of claims 2-5, 8, 9, 11, 14, 15, 17, 18, 21, 22, 24, 25, 28, 29, 32, 33, 35-38, 41 and 42, each ultimately depending from one of independent claims 1, 10, 16, 23, 30, or 34, is unsupported by Mason and also should be withdrawn.

## **II. The Obviousness Rejections**

Each of claims 6, 7, 12, 13, 19, 20, 26, 27, 31, 39 and 40 was rejected under 35 U.S.C. 103(a) as being obvious, and thus unpatentable over U.S. Patent 6,678,137 (“Mason”). Each of these rejections is respectfully traversed as moot in view of the present amendments to each of claims 1, 10, 16, 23, 30, and 34.

As stated, *supra*, each of claims 1 and 34, from one of which each of claims 2-5, 8, 9, 35-38, 41, and 42 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, “the temperature sensitive compensation circuit comprising a first thermistor electrically coupled to the first end of the sensing resistor and a second thermistor electrically coupled to the second end of the sensing resistor”.

As stated, *supra*, each of claims 10 and 16, from one of which each of claims 11, 14, 15, 17, 18, 21, and 22 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, “the sense resistor comprising a first end and an opposing second end, the first end of the sense resistor electrically coupled to a load neutral, the second end of the sense resistor electrically coupled to a neutral pigtail”.

**PATENT**  
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As stated, *supra*, each of claims 23 and 30, from one of which each of claims 24, 25, 28, 29, 32, and 33 ultimately depends, states, *inter alia*, yet no substantial evidence has been presented that the applied portions of Mason teach, "applying the voltage signal through a first thermistor electrically coupled to the first end of the sense resistor and a second thermistor electrically coupled to the second end of the sense resistor to generate a thermally proportional voltage signal".

For at least this reason, it is respectfully submitted that the rejection of claims 6, 7, 12, 13, 19, 20, 26, 27, 31, 39 and 40, each ultimately depending from one of independent claims 1, 10, 16, 23, 30, or 34, is unsupported by Mason and also should be withdrawn.

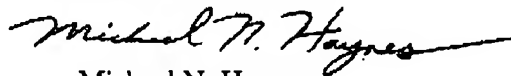
**CONCLUSION**

It is respectfully submitted that the application is in clear condition for allowance. Reconsideration, withdrawal of all grounds of rejection, and issuance of a Notice of Allowance are earnestly solicited.

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

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